



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LTC1624IS8#PBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC1624IS8#PBF                                                                                               |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC REG CTRLR BCK/BST/SEPIC 8SOIC                                                                             |
|                     | <a href="#">1.LTC1624IS8#PBF.pdf</a>                                                                         |
|                     | <a href="#">2.LTC1624IS8#PBF.pdf</a>                                                                         |
|                     | <a href="#">3.LTC1624IS8#PBF.pdf</a>                                                                         |
|                     | <a href="#">4.LTC1624IS8#PBF.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

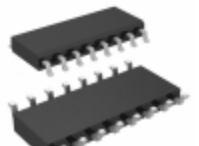
Specifications of LTC1624IS8#PBF

|                                  |                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC1624IS8#PBF                                                                                                                                               |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                   |
| DESCRIPTION                      | IC REG CTRLR BCK/BST/SEPIC 8SOIC                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                   |
| DATA SHEET                       | <a href="#">1.LTC1624IS8#PBF.pdf</a><br><a href="#">2.LTC1624IS8#PBF.pdf</a><br><a href="#">3.LTC1624IS8#PBF.pdf</a><br><a href="#">4.LTC1624IS8#PBF.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 36 V                                                                                                                                                 |
| TOPOLOGY                         | Buck, Boost, SEPIC                                                                                                                                           |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                                                       |
| SERIES                           | -                                                                                                                                                            |
| SERIAL INTERFACES                | -                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                         |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                            |
| OUTPUT PHASES                    | 1                                                                                                                                                            |
| OUTPUT CONFIGURATION             | Positive or Negative                                                                                                                                         |
| OTHER NAMES                      | LTC1624IS8PBF                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                            |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                   |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                        |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                                                                       |
| DUTY CYCLE (MAX)                 | 95%                                                                                                                                                          |
| DETAILED DESCRIPTION             | Buck, Boost, SEPIC Regulator Positive or Negative Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-SOIC                                    |
| CONTROL FEATURES                 | Enable                                                                                                                                                       |
| CLOCK SYNC                       | No                                                                                                                                                           |
| BASE PART NUMBER                 | LTC1624                                                                                                                                                      |

Related Tags

|                                           |                                     |                                               |
|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| ADI (Analog Devices, Inc.) LTC1624IS8#PBF | LTC1624IS8#PBF Distributor          | LTC1624IS8#PBF Supplier                       |
| LTC1624IS8#PBF Price                      | LTC1624IS8#PBF Pictures             | LTC1624IS8#PBF Image                          |
| LTC1624IS8#PBF PDF Datasheet              | LTC1624IS8#PBF Download Datasheet   | LTC1624IS8#PBF Datasheet                      |
| LTC1624IS8#PBF Stock                      | Buy LTC1624IS8#PBF                  | Buy ADI (Analog Devices, Inc.) LTC1624IS8#PBF |
| ADI (Analog Devices, Inc.) LTC1624IS8#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor        |
| ADI (Analog Devices, Inc.) LTC1624IS8#PBF | AD LTC1624IS8#PBF                   | ADI (Analog Devices, Inc.) LTC1624IS8#PBF     |
| Analog Devices Inc. LTC1624IS8#PBF        | Analog Devices, Inc. LTC1624IS8#PBF |                                               |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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| <div><div><b>LTC1625CGN#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: Out stock</div><div>RFQ</div></div>   | <div><div><b>LTC1623IS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>   |
| <div><div><b>LTC1624IS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BCK/BST/SEPIC 8SOIC<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>LTC1625CS#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div><b>LTC1624CS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BCK/BST/SEPIC 8SOIC<br/>In stock: 21 pcs</div><div>RFQ</div></div>      | <div><div><b>LTC1625CS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SOIC<br/>In stock: 290 pcs</div><div>RFQ</div></div>        |
| <div><div><b>LTC1624CS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BCK/BST/SEPIC 8SOIC<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>LTC1623CS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>LTC1623CS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>   | <div><div><b>LTC1623IS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC HI-SIDE SW CNTRLR DUAL 8-SOIC<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>LTC1625IGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: 208 pcs</div><div>RFQ</div></div>       | <div><div><b>LTC1625CGN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK/BOOST 16SSOP<br/>In stock: 188 pcs</div><div>RFQ</div></div>       |

